



Mufledrain VIP
Drainage channel

Mufledrain Vip: flexibility of the channel system, wide variety of gratings

Mufledrain VIP is a practical and flexible drainage system. The channel body is completely made of HD-PE with an inbuilt rail that ensures protection to the gratings, even without steel. The large range of gratings makes it possible to customize the drainage line; different designs and, multiple material like galvanized steel, stainless steel, ductile iron, PP-PE and polyamide are all available.

L-shaped SlotTops are available on request.

This product range is particularly suitable for civil applications, pedestrian areas and private parking areas.

Mufledrain VIP 300, with an internal width of 300 mm and 1.5 meters length, is the best solution for large surface drainage applications.

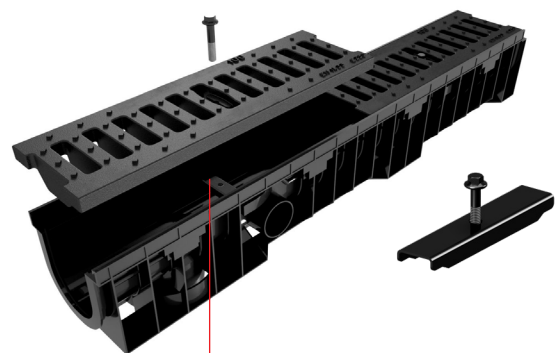


The 20 mm high HD-PE Rail (35 mm for Mufledrain VIP 300) contains and limits the grating, making it easier and comfortable to install.



Main Features

- The channel body is completely made of HD-PE, certified for load class A 15, B 125 and C 250 according to EN 1433: 2008
- With HD-PE integrated rail
- 4 different nominal widths: 100, 150, 200, 300 mm
- With vertical and lateral knockouts
- Vertical outlet kit Ø100 and Ø110 mm for channels H 55 and H 80 mm
- Sump unit with foul air trap
- Galvanized/stainless steel brickslots available on request
- Bolt and bar fixing system for the gratings
- Special parts for corners, T-couplings and Cross-couplings available



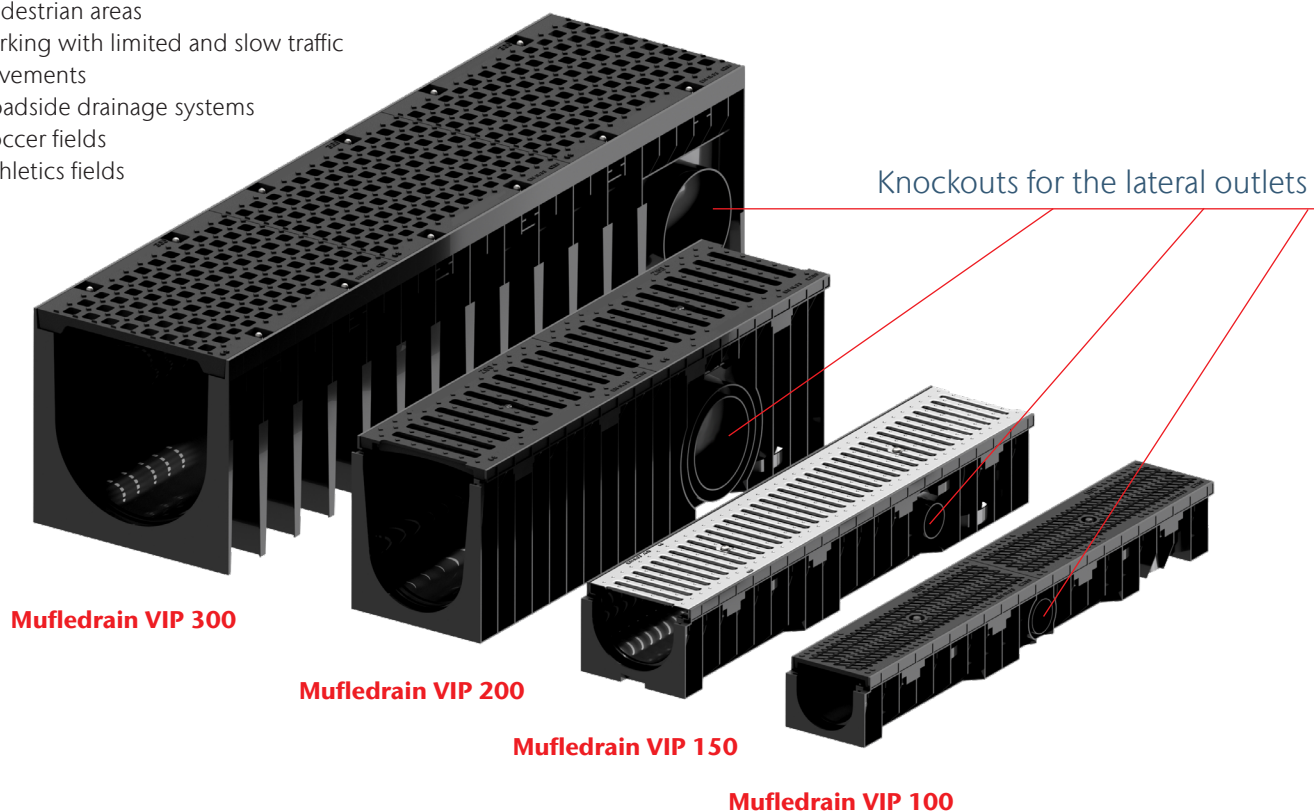
To fix the gratings on the Mufledrain VIP channels with internal width 100, 150 and 200 mm, you will need one bar and bolt every half meter of channel.

To fix the grating on the Mufledrain VIP 300 channels, you will need 4 nuts for every half meter of channel.

System overview

Typical applications

- Residential areas
- Pedestrian areas
- Parking with limited and slow traffic
- Pavements
- Roadside drainage systems
- Soccer fields
- Athletics fields

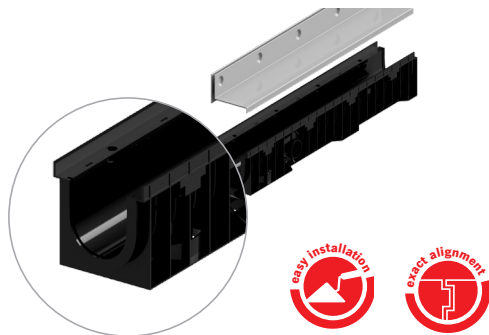
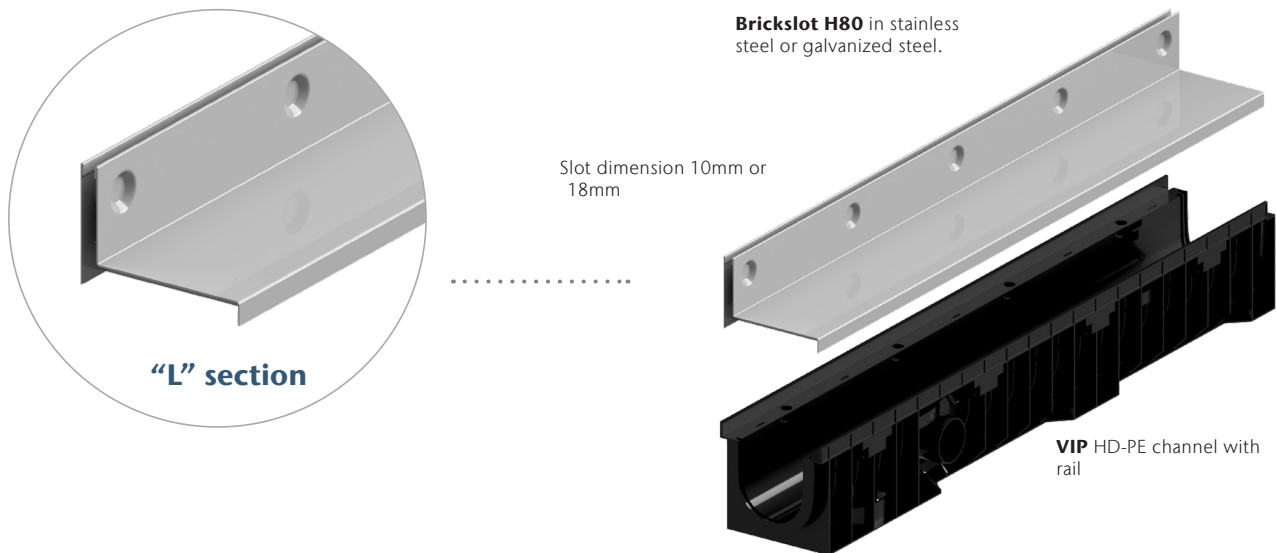


Polyamide grating detail



Mufledrain Brickslot “L” section with VIP channel body

Designed for professional drainage



BrickSlot H80 “L” section is designed for **VIP** channel made of HD-PE with an inbuilt rail that ensures protection on the gratings. BrickSlot H80 “L” section can be installed on Vip in all its internal heights: 55, 80, 100 and 160mm.

Main Features

- “L” section made in stainless steel AISI 304 or in galvanized steel
- Suitable for installation near walls, fences, façades etc..
- Dimension of slot 10mm
- Suitable for surfaces paved with block stones (60-70mm heigh)
- Load class C250
- The drainage system can be completely inspected thanks to inspection element
- The inspection element can be installed on Vip channel or on sump unit
- Certified in accordance to EN 1433
- Easy to install

Designed for professional drainage



The drainage system with the Brickslot represents one of the possible types of water drainage and can be considered a valid alternative to the traditional gratings.

Brickslot H80 can be installed VIP channels. This channel together with Brickslot H80 create a drainage system that appears to be a thin continuous line perfectly integrated into the surrounding, making it invisible in the architectural context or in urban landscape.

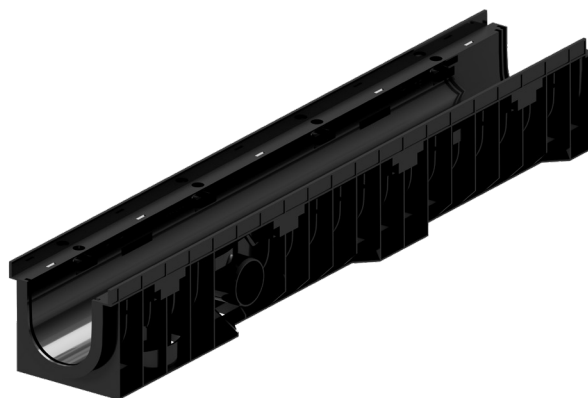
Ideal for areas paved with stones, concrete and paving, all materials used in squares, fountains, private roads and places with paving blocks up to 70mm).



Mufledrain Vip 100

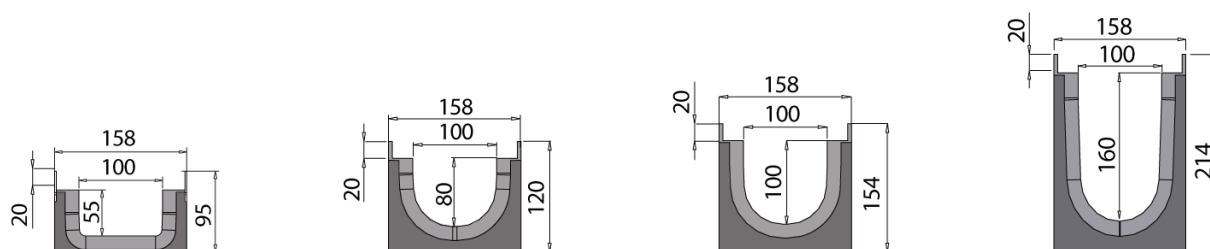
Product information

- HD-PE drainage channel, internal width: 100 mm
- HD-PE steel rail
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Vertical outlet kit Ø100 and Ø110 mm for channel H55 and H80 mm; knockout on all other sizes
- Bolt and bar fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request








Mufledrain VIP 100 channel

Length 1000 mm, total width 158 mm

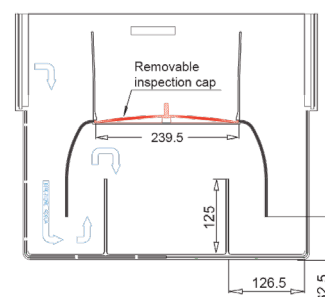
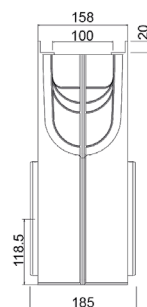
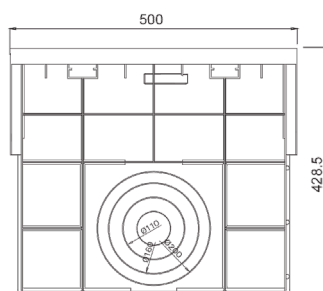


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
Channel with vertical outlet kit Ø100/110						
95	55	2 x Ø40	1 x Ø100/110	1,56	84	702010
120	80	2 x Ø63	1 x Ø100/110	1,70	70	702009
Channel with vertical outlet Ø110						
154	100	2 x Ø63	1 x Ø110	2,05	56	702001
214	160	2 x Ø110	1 x Ø110	2,55	42	702000

Mufledrain VIP 100 channel accessories

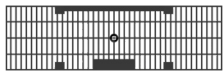

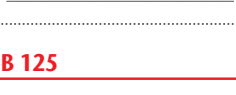


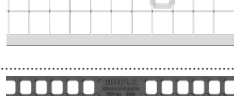
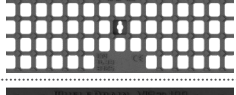
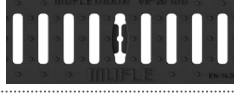


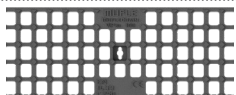
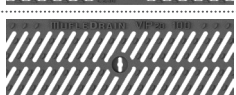
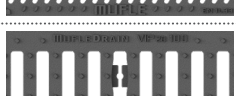


Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	55	PE	700508
		80	PE	700509
		100	PE	700510
		160	PE	700511
	Ø40 outlet end-cap	55	PE	700500
	Ø50 outlet end-cap	80	PE	700521
	Ø75 outlet end-cap	100	PE	700522
		160	PE	700523
	KIT Ø100 vertical outlet	55/80	PE	506114
	KIT Ø110 vertical outlet	55/80	PE	506115
	Step connectors from 100 mm to 160 mm	-	Composit	700516
	Bituminous sealant	-	-	500345

Mufledrain VIP 100 sump unit with PE rail





Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø side outlet [mm]	Weight [kg/pc]	Article number
Sump unit with female-female connection	PE	428,5	158	500	2xØ110 2xØ160 2xØ200	2,60	702006

Mufledrain VIP 100 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/mesh [mm]	Weight [kg/pc]	Article number
Pedestrian							
	PP-PE mesh	Built-in lateral hook	148	498	34 x 8,5	0,44	502103
A 15							
	Galvanized steel slot	Bolt and bar (not included)	148	998	83 x 8,5	1,60	502128
	Stainless steel slot	Bolt and bar (not included)	148	998	83 x 8,5	1,60	502129
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	148	998	33 x 15	3,60	502126
	Stainless steel heel safe mesh	Bolt and bar (not included)	148	998	33 x 15	3,60	502150
	Galvanized steel square mesh	Bolt and bar (not included)	148	998	32,2 x 32,2	2,90	502127
	Stainless steel square mesh	Bolt and bar (not included)	148	998	32,2 x 32,2	2,90	502157
	Ductile iron mesh	Bolt and bar (not included)	148	498	21,5 x 17,5	3,40	502112
	Polyamide 16 mm slot	Bolt and bar (not included)	148	498	82 x 16	0,80	502307
C 250							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	148	998	33 x 15	5,10	502152
	Stainless steel heel safe mesh	Bolt and bar (not included)	148	998	33 x 15	5,10	502175
	Ductile iron mesh	Bolt and bar (not included)	148	498	21,5 x 17,5	3,80	502115
	Ductile iron 7 mm slot	Bolt and bar (not included)	148	498	57 x 7	4,10	502105
	Ductile iron 20 mm slot	Bolt and bar (not included)	148	498	82 x 20	3,60	502113
	Polyamide 16 mm slot	Bolt and bar (not included)	148	498	82 x 16	1,30	502308

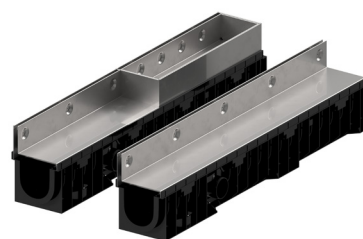
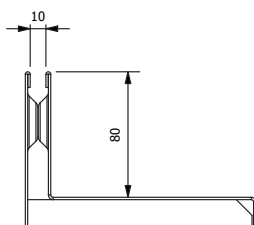
Mufledrain VIP 100 grating accessories



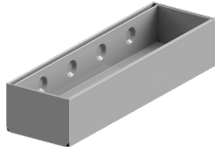
Image	Description	Material	Valid for	Article number
	Bolt and bar kit + M8x55 TBL combi bolt	Galvanized steel	ACO Xtraline C 100 galvanized steel gratings	500421 ⁽¹⁾
		Stainless steel	ACO Xtraline C 100 stainless steel gratings	500422 ⁽¹⁾
	Bolt and bar kit + M8x55 black hex head bolt	Galvanized steel	ACO Xtraline C 100 ductile iron and polyamide gratings	500423 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Vip 100

- Brickslot in Galvanized steel
- "L" profile
- 10mm slot
- Load class C250



	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	147	80	10	C250	4,75	503700
	Stainless steel	1000	147	80	10	C250	4,75	503703
	Galvanized steel	500	147	80	10	C250	2,50	503701
	Stainless steel	500	147	80	10	C250	2,50	503704
	Galvanized steel	500	147	80	10	C250	4,50	503702
	Stainless steel	500	147	80	10	C250	4,50	503705

inspection element

Mufledrain Vip 150

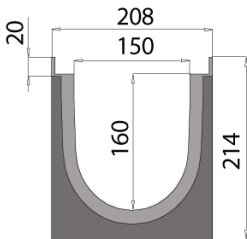
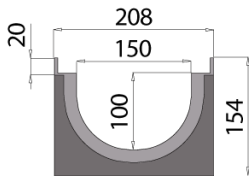
Product information

- HD-PE drainage channel, internal width: 150 mm
- HD-PE steel rail
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Bolt and bar fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request







Mufledrain VIP 150 channel

Length 1000 mm, total width 208 mm

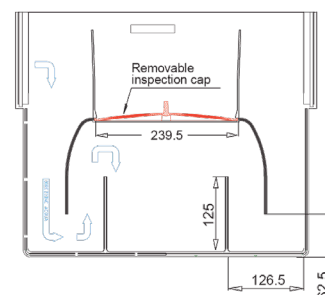
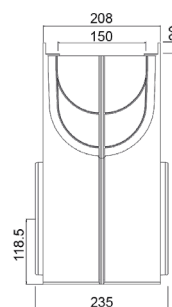
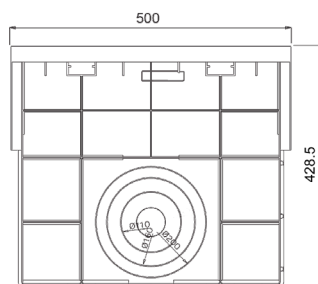


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
Channel with vertical outlet Ø110/160						
154	100	2 x Ø63	1 x Ø110/160	2,45	40	702003
214	160	2 x Ø110	1 x Ø110/160	3,00	30	702002

Mufledrain VIP 150 channel accessories

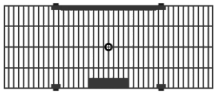
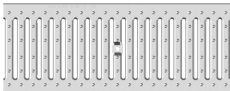
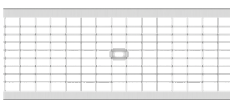
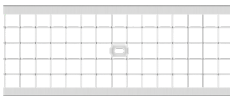
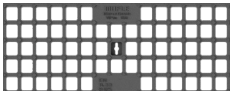
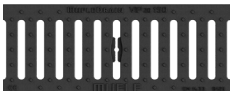



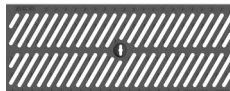
Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700512
		160	PE	700513
	Ø75 outlet end-cap	100	PE	700524
	Ø110 outlet end-cap	160	PE	700505
	Step connectors from 100 mm to 160 mm		Composit	700517
	Bituminous sealant	-	-	500345

Mufledrain VIP 150 sump unit with PE rail





Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø side outlet [mm]	Weight [kg/pc]	Article number
Sump unit with female-female connection	PE	428,5	208	500	2xØ110 2xØ160 2xØ200	2,85	702007

Mufledrain VIP 150 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/mesh [mm]	Weight [kg/pc]	Article number
Pedestrian							
	PP-PE mesh	Built-in lateral hook	198	498	34 x 8,5	0,82	502104
A 15							
	Galvanized steel slot	Bolt and bar (not included)	198	998	130 x 8,5	2,90	502132
	Stainless steel slot	Bolt and bar (not included)	198	998	130 x 8,5	2,90	502133
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	198	998	33 x 15	5,30	502130
	Stainless steel heel safe mesh	Bolt and bar (not included)	198	998	33 x 15	5,00	502158
	Galvanized steel square mesh	Bolt and bar (not included)	198	998	32,2 x 32,2	4,10	502131
	Stainless steel square mesh	Bolt and bar (not included)	198	998	32,2 x 32,2	4,10	502159
	Ductile iron mesh	Bolt and bar (not included)	198	498	29 x 24,5	4,90	502118
	Polyamide 16mm slot	Bolt and bar (not included)	198	498	132 x 16	1,70	502302
C 250							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	198	998	33 x 15	5,30	502154
	Stainless steel heel safe mesh	Bolt and bar (not included)	198	998	33 x 15	5,00	502177
	Ductile iron 20mm slot	Bolt and bar (not included)	198	498	132 x 20	5,30	502120
	Polyamide 16mm slot	Bolt and bar (not included)	198	498	132 x 16	1,70	502303
	Ductile iron 8mm slot	Bolt and bar (not included)	198	498	81 x 7	9,00	502263

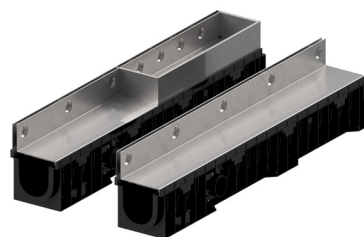
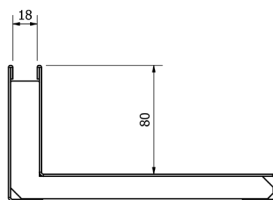
Mufledrain VIP 150 grating accessories



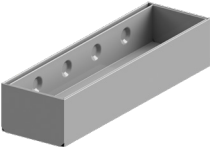
Image	Description	Material	Valid for	Article number
	Bolt and bar kit + M8x55 TBL combi bolt	Galvanized steel	Mufledrain VIP 150 galvanized steel gratings	500424 ⁽¹⁾
		Stainless steel	Mufledrain VIP 150 stainless steel gratings	500425 ⁽¹⁾
	Bolt and bar kit + M8x55 black hex head bolt	Galvanized steel	Mufledrain VIP 150 ductile iron gratings	500426 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Vip 150

- Brickslot in Galvanized steel
- "L" profile
- 18mm slot
- Load class C250



	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	197	80	18	C250	6,00	500214
	Stainless steel	1000	197	80	18	C250	6,00	500250
	Galvanized steel	500	197	80	18	C250	3,00	500362
	Stainless steel	500	197	80	18	C250	3,00	500363
	Galvanized steel	500	197	80	18	C250	5,30	500227
	Stainless steel	500	197	80	18	C250	5,30	500239

inspection element

Mufledrain Vip 200

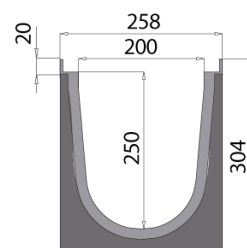
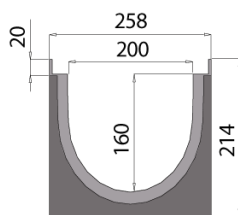
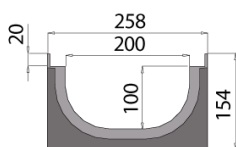
Product information

- HD-PE drainage channel, internal width: 200 mm
- HD-PE steel rail
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Bolt and bar fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request






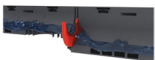

Mufledrain VIP 200 channel with HD-PE rail

Length 1000 mm, total width 258 mm

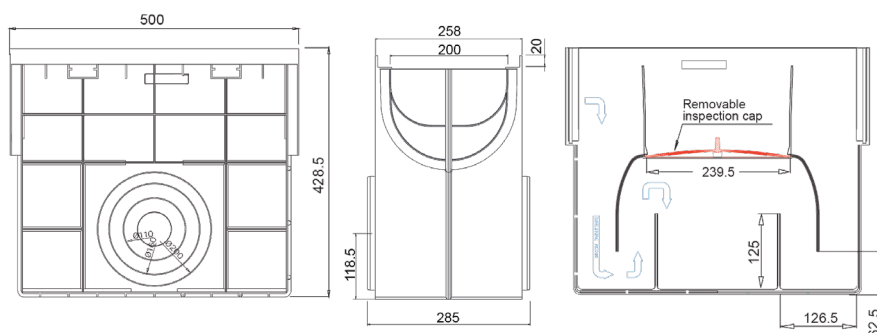


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/ Pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pz]		
Channel with vertical outlet Ø200/160						
154	100	2 x Ø63	1 x Ø200/160	2,80	32	702005
214	160	2 x Ø110	1 x Ø200/160	3,40	24	702004
304	250	2 x Ø160/200	1 x Ø200/160	5,00	16	502042

Mufledrain VIP 200 channel accessories

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700514
		160	PE	700515
	Ø75 outlet end-cap	100	PE	700526
	Ø110 outlet end-cap	160	PE	700507
	Closed end-cap with Ø160 knockout	250	PE	502416
	Step connectors from 100 mm to 160 mm	-	Composit	700519
	Step connectors from 160 mm to 250 mm	-	Composit	700518
	Bituminous sealant	-	-	500345

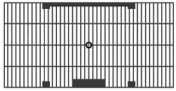

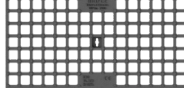


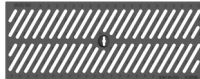
Mufledrain VIP 200 sump unit with PE rail





Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø side outlet [mm]	Weight [kg/pc]	Article number
Sump unit with female-female connection	PE	428,5	258	500	2xØ110 2xØ160 2xØ200	3,10	702008 ⁽¹⁾

⁽¹⁾It is not designed for connection to H250 channels

Mufledrain VIP 200 channel gratings

Image	Description	Fixing System	Width [mm]	Length [mm]	Slot/Mesh [mm]	Weight [kg/pc]	Article number
Pedestrian							
	PP-PE mesh	Built-in lateral hook	248	498	58,5 x 8,5	1,06	502106
A 15							
	Galvanized steel slot	Bolt and bar (not included)	248	998	130 x 8,5	4,80	502136
	Stainless steel slot	Bolt and bar (not included)	248	998	130 x 8,5	4,90	502198
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	248	998	33 x 15	6,20	502134
	Stainless steel heel safe mesh	Bolt and bar (not included)	248	998	33 x 15	6,20	502160
	Galvanized steel square mesh	Bolt and bar (not included)	248	998	32,2 x 32,2	5,20	502135
	Stainless steel square mesh	Bolt and bar (not included)	248	998	32,2 x 32,2	5,20	502161
	Ductile iron mesh	Bolt and bar (not included)	248	498	25,5 x 24,5	6,25	502122
C 250							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	248	998	33 x 15	9,50	502156
	Stainless steel heel safe mesh	Bolt and bar (not included)	248	998	33 x 15	9,50	502179
	Ductile iron 20mm slot	Bolt and bar (not included)	248	498	180 x 20	7,00	502124
	Ductile iron 8mm slot	Bolt and bar (not included)	248	498	81 x 7	7,10	502264

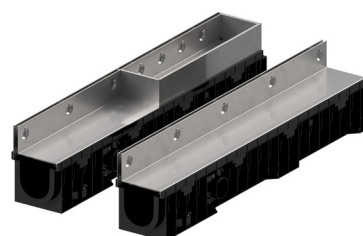
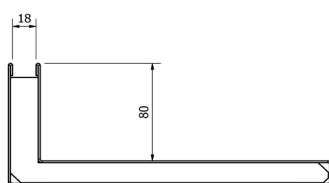
Mufledrain VIP 200 grating accessories



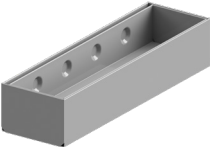
Image	Description	Material	Valid for	Article number
	Bolt and bar kit + M8x55 TBL combi bolt	Galvanized steel	Mufledrain VIP 200 galvanized steel gratings	500427 ⁽¹⁾
		Stainless steel	Mufledrain VIP 200 stainless steel gratings	500428 ⁽¹⁾
	Bolt and bar kit + M8x55 black hex head bolt	Galvanized steel	Mufledrain VIP 200 ductile iron gratings	500429 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Vip 200

- Brickslot in Galvanized steel
- "L" profile
- 18mm slot
- Load class C250



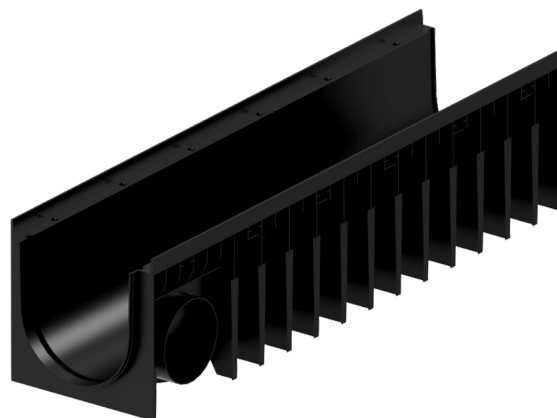
	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	247	80	18	C250	7,20	500216
	Stainless steel	1000	247	80	18	C250	7,20	500252
	Galvanized steel	500	247	80	18	C250	3,60	500366
	Stainless steel	500	247	80	18	C250	3,60	500367
	Galvanized steel	500	247	80	18	C250	6,00	500229
	Stainless steel	500	247	80	18	C250	6,00	500241

inspection element

Mufledrain VIP 300

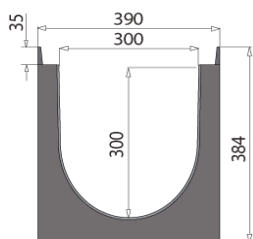
Product information

- HD-PE drainage channel, internal width: 300 mm
- HD-PE steel rail
- Load class A15, B125 and C250 according to EN 1433
- 1500mm long elements
- Grating fixed with 8 nuts per meter
- With lateral and vertical knockout



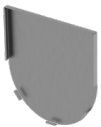


Mufledrain VIP 300 channel with HD-PE rail

Length 1500 mm, total width 390 mm

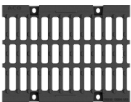
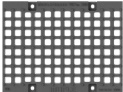


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
384	300	2 x Ø200	1 x Ø160, 1 x Ø200	9,30	10	502018


Mufledrain VIP 300 channel accessories

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	300	Galvanized steel	503411
	Ø200 outlet end-cap	300	Galvanized steel	503412
	Silicone Bituminoso	-	-	500345

Mufledrain VIP 300 channel gratings

Image	Description	Fixing system	Width	Length	Slot/mesh	Weight	Article number
			[mm]	[mm]	[mm]	[kg/pc]	
B 125							
	Ductile iron slot mesh	8 bolt/meter (not included)	376	498	90 x 25	13,00	502261
C 250							
	Ductile iron square mesh	8 bolt/meter (not included)	376	498	25 x 25	16,50	503117

Mufledrain VIP 300 grating accessories

Image	Description	Material	Valid for	Article number
	Blind M10 nut	Galvanized steel	Mufledrain VIP 300 ductile iron gratings	503310 ⁽¹⁾
		Stainless steel	Mufledrain VIP 300 ductile iron gratings	503311 ⁽¹⁾

⁽¹⁾Valid for 1,5 meter of channel